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Panasonic

Digital Cordless Phone

Model No. KX-TCD700BX

Operating Instructions

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE

Charge the batteries for approx. 10 hours before initial use.

Dear purchaser,

You have acquired a KX-TCD700BX, which is a product made in regard with the European Standards for Cordless Telephones (DECT). DECT technology is characterized by high-security protection against interceptions as well as high-quality digital transmission.

This telephone was designed for a wide range of applications.

For example, this telephone can be used within a network of base units and handsets, constituting a telephone system which:

- operates up to 6 handsets at one base unit
- allows an intercom between handsets
- allows the operation of a handset at up to 4 base units, expanding the communication radio area.

This telephone may be used for:

- operating several handsets
- operating at several base units
- connecting the base unit to a PBX.

Thank you for purchasing your new Panasonic digital cordless telephone.

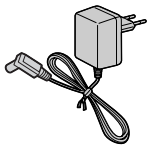
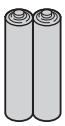
For your future reference

Serial No. _____ Date of purchase _____

(found on the bottom of the unit)

Name and address of dealer _____

Accessories included

AC Adaptor  one	**Telephone Line Cord** one	**Batteries** Panasonic AA(R6)P-6P or BYD PQHHR120AA12  two (AA size)
Battery Cover one	**Belt Clip** one	

Safety Instructions

Take special care to follow the safety suggestions listed below.

Environment

1) Do not use this unit near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
2) The unit should be kept away from heat sources such as radiators, cookers, etc. It also should not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
3) The AC adaptor is used as the main disconnect device, ensure that the AC outlet is located/installed near the unit and is easily accessible.

Placement

1) Do not place heavy objects on top of this unit.
2) Care should be taken so that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.
3) Place the unit on a flat surface.

WARNING:

TO PREVENT THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

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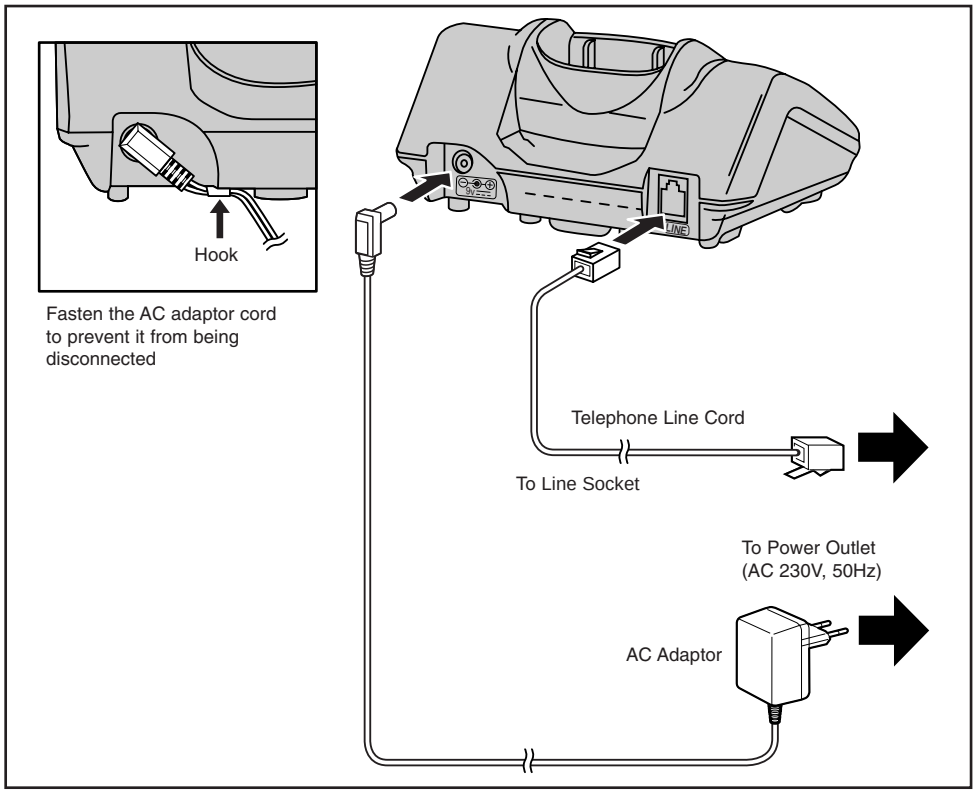
Getting Started

Connections

Plug in the AC Adaptor and the telephone line cord to the rear of the unit. Then connect the cord as shown.



USE ONLY WITH Panasonic AC ADAPTOR PQLV1CE.

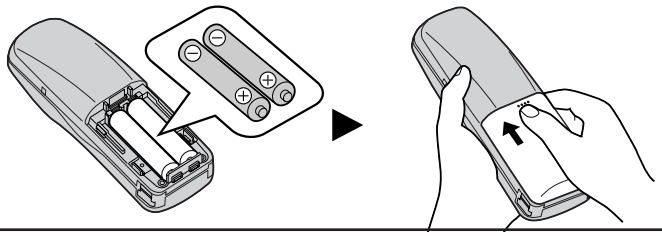
- Be careful not to confuse the telephone line jack with the AC adaptor jack on the Base unit. If connected improperly, the base unit will not work and damage may occur.
- The AC Adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- The connect a standard telephone on the same line, see page 49.

Connection of Power Supply

This apparatus is intended for use when powered by the PQLV1CE.
Using other power supplies will invalidate any approval given to this apparatus.

Installing the Batteries in the Handset

- If the rechargeable batteries are not inserted correctly, the handset will not work.



Battery Charge

At the time of shipment, the batteries are not charged. To charge, place the handset on the base unit. Please charge the batteries for approximately 10 hours before initial use. During charging, the battery icon is as shown above.

Battery Strength

You can check the present battery strength on the display.

Battery strength	Fully charged	Medium	Low	No power
Battery icon				(Flashing)

Recharge

When "▭" flashes or the unit beeps every 15 seconds, recharge the batteries.

Battery Information

After your batteries are fully charged:

Operation	Ni-MH battery life (Included)	Ni-Cd battery life (optional)
While in use (Talk)	Up to about 20 hours	Up to about 12 hours (based on 800m/A per hour)
While not in use (Standby)	Up to about 160 hours	Up to about 100 hours

- Battery life may vary depending on usage conditions, such as:
  – when viewing the Caller ID Caller List, and
  – ambient temperature.
- **Clean the handset charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the batteries may not charge properly.
- If the batteries are fully charged, you do not have to place the handset on the base unit until "▭" flashes. This will maximise the battery life.
- The batteries cannot be overcharged.

➡ Getting Started

Battery Caution:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the batteries specified.
2. Do not use non-rechargeable batteries.
3. Do not mix old and new batteries.
4. Do not dispose of the batteries in a fire, they may explode. Check with local waste management codes for special disposal instructions.
5. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
6. Exercise care in handling the batteries in order not to short the batteries with conductive materials such as rings, bracelets, and keys. The batteries and/or conductor may overheat and cause burns.
7. Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

Battery Replacement

If " " flashes after a few telephone calls even when the handset batteries have been fully charged, it is time to replace the batteries with new ones.
Remember to charge the new batteries after replacement (see page 7).

- Discard defective batteries as soon as possible. Defective batteries may leak into the unit.

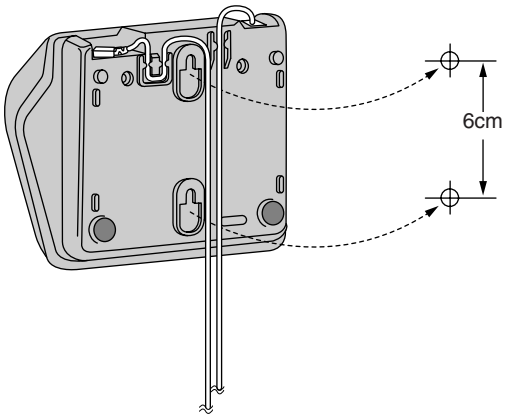
Base Unit Location

For maximum distance and noise-free operation, the recommended base unit location is:

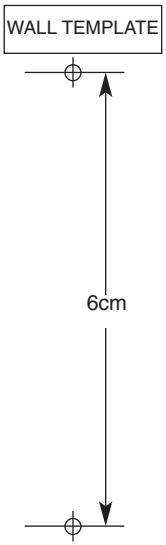
- Away from electrical appliances such as TV, radio, personal computer or another telephone.
- In a convenient high and central location.

Wall Mounting

This unit can be mounted on a wall.

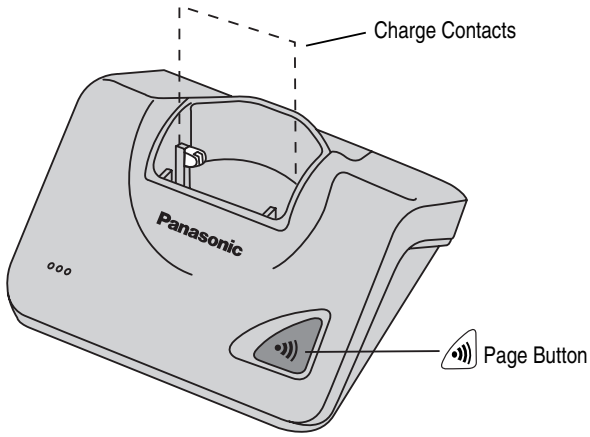


- Install screws using the wall template below.
- Connect the line cord, and AC Adaptor.
- Arrange the wires as shown, then mount the unit.

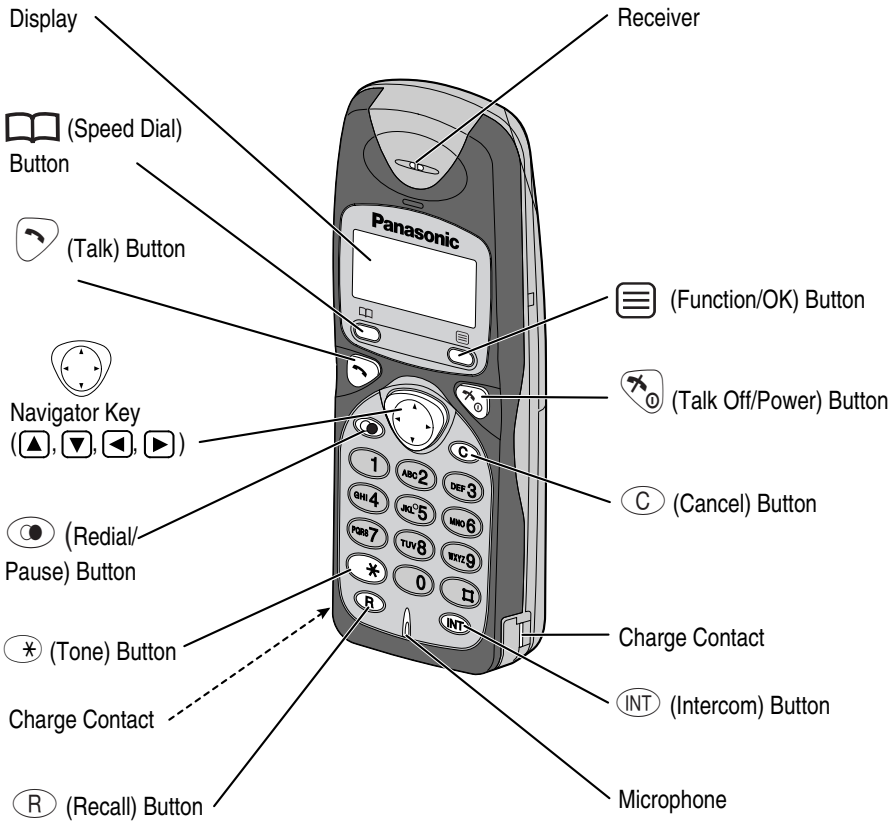


Location of Controls

Base Unit

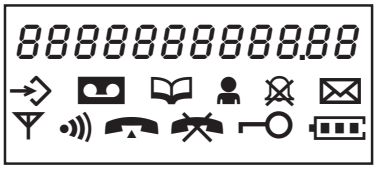


Handset



Displays

Handset Display



(The display shows all possible configurations)

Icons

The in-range icon indicates that the handset is in range of the base unit. It flashes when the handset is out of range.

The page/intercom icon is displayed when paging or using the intercom. It flashes when another unit pages the handset.

The talk icon is displayed when making or answering calls. It flashes when an outside call is being received.

The direct call icon is displayed when this mode is turned on.

The call prohibition icon is displayed when this mode is turned on.

The program icon indicates that the unit is in the programming mode.

The ringer off icon indicates that ringer tone is temporarily turned OFF.

The battery icon indicates the battery strength.

The Key Lock icon is displayed when key lock is set on the handset. In this mode, keypad is disabled.

The speed dial icon is displayed when this mode is turned on.

LCD

Character	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Display	A	b	C	d	E	F	G	H	I	J	h	L	n	n	O	P	q	r	S

Character	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	*	0	#
Display	t	U	U	u	H	y	2	1	2	3	4	5	6	7	8	9	-	O	=

Note: The LCD on your handset is a 7 segment display and each character will be displayed as shown in the table above. Some displayed characters differ e.g. character M is displayed as n. This is not a fault of the display and is normal display condition.

Symbols Used

☞ **shows that you should press the following key(s).**

Basic Start-up Operations

Turning the Power On

1. and hold

- After all characters briefly appear a confirmation tone sounds. The display will change to the standby mode when the button is released.
- The current connected base unit number is displayed (- 1-)
- The number of New Caller ID calls received are displayed (eg. 02)
- You can choose whether to display the base unit number, handset number, clock or no display in the standby mode (see page 31).

Making a Call

(For further information on making calls, see pages 13-14.)

1.

2. Dial a phone number
The dialled number is displayed.
(If a number is entered incorrectly,).

After a few seconds, the display will start showing the length of the call.

Terminating a Call

1. To hang up, .

- The handset will return to the standby mode.
- The dialled number is stored in the redial memory.

Answering a Call

(For further information on answering calls, see page 15.)

1.

- You can also answer a call by pressing any dialling button 0 to 9, * or # (-Any Key Answer).

After a few seconds, the display will start showing the length of the call.

Turning the Power Off

Make sure that the unit is in the standby mode.

1. and hold until a long beep sounds

- The display will go blank.
(On location of the handset in the base unit, the battery icon will display even after power off).

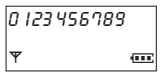
Making Calls

Note: for basic making calls operation, see page 12.

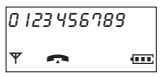
To Dial after Confirming the Entered Number

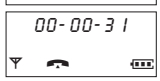
With this feature you are able to confirm the entered number before you start dialling.

1. Dial a Phone Number
If number is not entered correctly:
To clear one digit, ☞ C briefly.
To clear all digits, ☞ and hold C.



2. Phone number confirmed, ☞
(After a few seconds, the length of call is displayed).





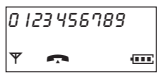
3. To end call, ☞.
(After a few seconds, the display returns to the standby mode).

• **Note:** If flashes and an alarm tone sounds after pressing , move closer to the base unit. Then try again.

To Redial the Last Number Dialled

1. ☞

2. ☞
(The last number dialled is displayed and automatically redialled).

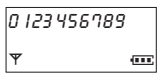


• After a few seconds, the length of call is displayed.

To Redial after Confirming the Numbers in Redial Memory

The unit automatically stores the last 10 numbers dialled into redial memory.

1. ☞
(The last number dialled is displayed).



2. ☞ ▲ **or** ▼ **to select required number**
(To exit the list, ☞ C).

3. ☞
(After a few seconds the length of call is displayed).

➡ Making Calls

To Edit/Clear Numbers in the Redial List

To edit and clear numbers in the redial memory, press ◉, select number and then follow from step 2 (page 20).

Direct Call

You can store one number into memory and then call this number by pressing ☎. Incoming calls are accepted. To use this feature, store the direct call number and turn on the mode by programming (see page 32). The factory pre-set is **OFF**.

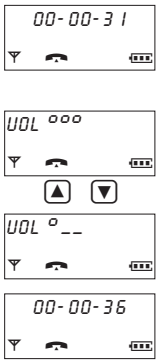
Dialling the Stored Number

Make sure that "👤" is displayed (see page 32), then ☞ ☎.

- The number stored in the direct call memory is dialled automatically.
- **When the handset is in "direct call" mode, it is not possible to make any calls until direct call is cancelled. This also includes emergency calls.**

To Select the Receiver Volume

3 levels (HIGH, MEDIUM, LOW) are available. The factory preset is MEDIUM.



1. **During conversation,** ☞ ▲ **or** ▼ **to select level**

   ▲ = receiver volume up

   ▼ = for receiver volume down

   ooo = HIGH, oo = MEDIUM, o = LOW

2. **After volume selection,** ☞ C
   (The display returns to length of call, etc).

Dialling a Stored Hot Key Number

(To register a number as Hot Key, see page 17).

You can assign up to 9 phone numbers in the speed dial list as hot key dials. The dialling buttons (1 to 9) function as memory stations.

1. ☞ and hold a memory station number (1 to 9).
   - The stored number is displayed.
   - To search for a number, ☞ ▼ or ▲ until the desired number is displayed.
2. ☞ ☎
   - The number is dialled automatically.
3. To hang up, ☞ ⏻.

Answering Calls

For basic answering call operation, see page 12.

- The handset and base unit will not ring if both ringer volumes are set to OFF (p. 29, 41)

Auto Talk

If you set the Auto Talk Feature to ON (p. 34), you can answer a call by lifting the handset off the base unit without pressing .

To Turn the Handset Ringer Off Temporarily

When an external call is incoming, user can turn off ringer temporarily.

1. **During incoming call, and hold .**
   (Bell off symbol is displayed and the handset stops ringing).
2. **Answer call by pressing , 0-9, or** (-Any Key Answer).
   - The ringer will turn back on for the next call.
   - This function will not work when the handset is on the base unit or if an internal call is incoming

Lighted Handset Keypad

The handset dialling buttons will light when you press a button, lift the handset off the base unit or receive a call. The lights will go out about 10 seconds after pressing a button, lifting the handset or answering a call.

Speed Dialling

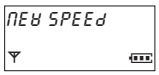
Storing Phone Numbers in Memory

(Standby Mode)

You can store up to 20 telephone numbers in the handset

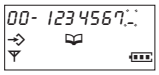
Storing new numbers

1. ☞ ☰ **or** ▶



2. ☞ ☰ **or** ▶
(Speed dial is selected, speed dial icon is displayed 🕮).

3. Enter phone number (Up to 24 digits)
(Phone numbers are displayed from the left edge of the LCD).



- If a pause is required for dialling, ☞ (●) while entering number. Pressing (●) counts as one digit.

4. ☞ ☰
(Speed dial is saved (SAVED) - a confirmation tone sounds)
(After 2 seconds, next index list No. is displayed. If user wants to continue, start again from step 3).

- If speed dial memory is full, 'MEMORY FULL' is displayed.

5. ☞ Ⓒ **or** ◀ (twice) or ⏻ (once).

- The display returns to the standby mode.

Dialling a Stored Number

There are 3 ways to display the speed dial list, (scrolling, jumping and hot key).

To register a speed dial to hot key, see page 17.

Displaying the list by Scrolling/Jumping.

1. ☞ 🕮

2. (Scrolling) ☞ ▲ or ▼ to select phone number.

(Jumping) ☞ 00 to 19 to select Index No.

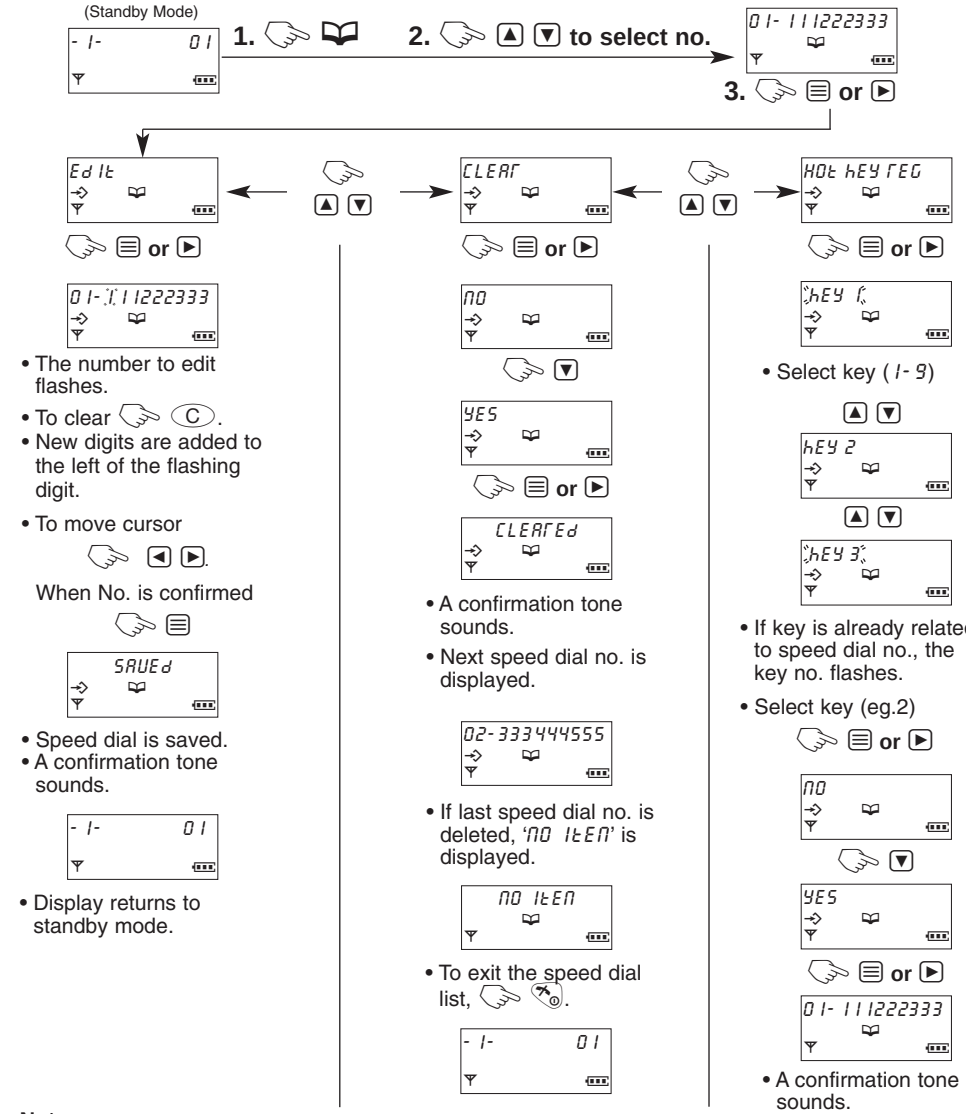
3. ☞ ✆
To exit speed dial memory, ☞ Ⓒ.

- If no digits are input over 1 minute, speed dial is cancelled and display returns to standby mode.

Speed Dial Menu

In the speed dial menu, it is possible to carry out the following operations:

- **Edit a speed dial number (EdIt).**
- **Clear a speed dial number (CLEAr).**
- **Register a speed dial number to Hot Key (HOt hEY rEG).**



Note:

• To exit the programming mode at anytime, .

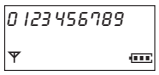
➡ Speed Dialling

Saving Numbers in Speed Dial List (SAVE SPEED)

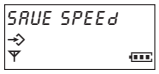
Telephone numbers can be saved into the speed dial list from other lists eg. Caller ID list, re-dial list, etc.

To save a number from other lists;

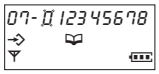
1. Display number to be saved



2. ☞ ▤ **or** ▶



3. ☞ ▤ **or** ▶
"SAVE SPEED" is selected.
Speed dial icon is displayed.
• Edit number if required.



4. ☞ ▤ to save number.
• A confirmation tone sounds.
• The display returns to the standby mode.

Caller ID Service

Caller ID, where available, is a telephone company service. After subscribing to Caller ID, this phone will display the caller's phone number.

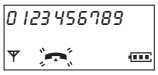
This unit is compatible with a Caller ID service offered by your telephone company. If you should subscribe to a Caller ID service, the calling party's information will be shown on the handset display after the first ring.

You cannot access the Caller ID service while using the handset and base unit for an internal call.

How Caller Information is Displayed when a Call is Received

- **Incoming Call**

- **Caller's phone number is displayed after first ring.**



1. (Length of call is displayed).

- Caller's phone number cannot be displayed in the following cases:
  – If the caller dialled from an area which does not provide a Caller ID service, the display will show.

  – If the caller has requested not to display his/her phone number, the display will show.

- If your unit is connected to a telephone line or a PBX which does not support Caller ID service, you cannot access those services.

Checking the Number of New Calls

In the standby mode, when new calls have been received, the display shows the number of new calls.

- For example if you have received 10 new calls the display will show the following.

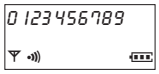
➡ Caller ID Service

Caller ID Sub-Menu

In the Caller ID sub-menu, it is possible to carry out the following operations:

- **Save a Caller ID Number to speed dial list (SAVE SPEED).**
- **Edit a Caller ID Number (EDIT CALL NO).**
- **Delete a Caller ID Number (CLEAR).**
- **Delete all Caller ID Numbers (ALL CLEAR).**

1. ▲ or ▼ to select number



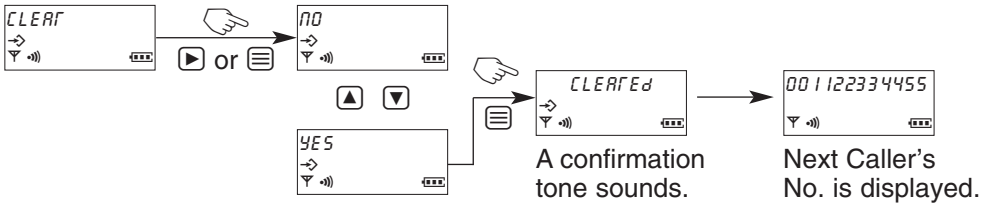
2. ☰ or ▶

(Speed dial icon is turned on)
☰ to save number.

3. ▲ ▼

(Edit no. as required).
(Move cursor using ▶ or ◀ to select digit, C = cancel, new digits are input to left of flashing digit).
Then ☰ to save number.

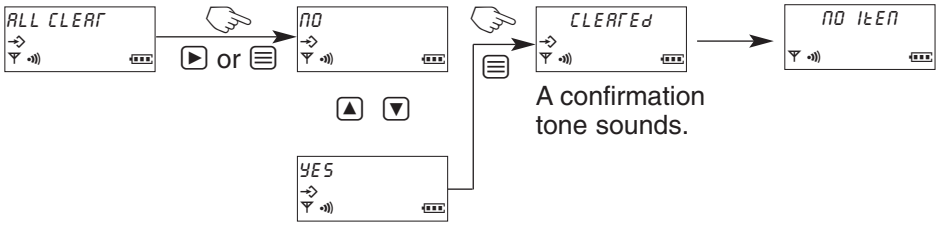
4. ▲ ▼



A confirmation tone sounds.

Next Caller's No. is displayed.

5. ▲ ▼



A confirmation tone sounds.

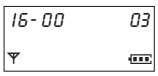
Note: The intercom icon will not be displayed when editing/clearing numbers in the Redial List.

Using the Caller List

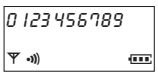
Viewing the Caller List

Telephone numbers of up to 50 different callers are stored from the most recent to the oldest call in the Caller List. When the 51st call is received, the oldest call is deleted.

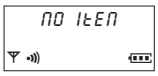
To check the caller's phone number, follow the steps below.



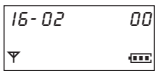
1. **Ensure display is in standby mode**
   eg. (Clock is displayed – 3 new calls).



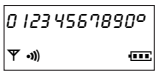
2. ☞ ▲ **or** ▼ (newest number is displayed).
   - To search from the most recent to the oldest call, ☞ ▼ repeatedly.
   - To search from the oldest to the most recent call ☞ ▲ repeatedly.
   - To scroll between callers, ☞ ▲ or ▼.
   - If no number is displayed in step 2, the Caller List is empty.
   - If more than one call is received from the same caller only the most recent call will be recorded.



3. **To exit the list,** ☞ C **or** ⏻.
   - Display returns to standby mode.
   - New call counter is cleared.



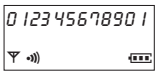
What '▫' means



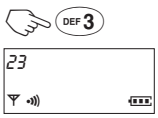
When you have checked new calls, answered the call or called back the caller, '▫' will be added to the caller's number.

When the same caller calls again, the call entry with '▫' will be deleted and replaced with the new call entry.

When viewing long telephone numbers



If the caller's number is greater than 12 digits the whole telephone number will not be shown. ☞ DEF 3 to see the remaining numbers.

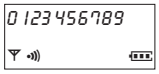


➡ Using the Caller List

Calling Back from the Caller List

Using the list you can automatically call back a caller.

1. Select Caller ID number by pressing ▲ or ▼.



2. ☞ 📞

• After a few seconds the length of call is displayed.

3. To hang up ☞ 📴

(The handset will return to the standby mode).

For Optional Multi-Unit Users

Operating More than One Handset

You can register and operate up to 6 handsets at the base unit. Operating more than one handset allows you to have an internal call while simultaneously conducting an external phone call using another handset.

• The optional handset/charger model number is KX-A114EX. The functions of the optional handset are the same as those of KX-TCD700BX handset.

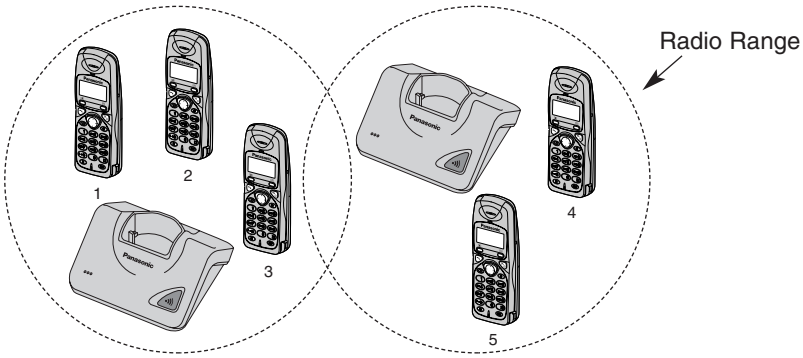
• To register a handset to a base unit, see page 36.

Operating More than One Base Unit

You can register and operate your handset at up to 4 base units.

Since each base unit forms a radio cell, you can extend the range or area in which you can make/answer calls with the same handset by placing the base units in suitable locations. For example you can use a handset in different radio areas, such as at home or the office. However, calls in progress are cancelled when the unit moves to another radio area.

Ex. optional KX-A114EX handsets are added to 2 base units.



Paging/Intercom ➡

Paging All Handsets from the Base Unit

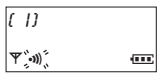
1. ☞ •)) (On the Base Unit).
- All handsets will ring for one minute.

2. To stop paging, ☞ •)) again or ☞ ☎ on one of the handsets.

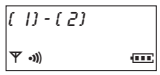
Intercom between Handsets

A 2-way intercom is available between handsets.
Eg. **Handset 1** is paging **Handset 2**

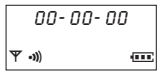
1. (Handset 1) ☞ INT
(Int icon blinks until connection is established).



2. (Handset 1) ☞ ABC2



3. (Handset 2)
When the unit rings, ☞ ☎ to answer.
- The intercom duration is displayed.



4. (Handsets 1 and 2)
To end the intercom, ☞ ⏻.
- Intercom calls can be conducted within the radio area of the current base unit, but not with units in neighbouring radio areas.

Intercom cannot be accepted in the following areas:
– when the other party is in intercom mode.
– when the other party is on hold during external call.
– while the other party is in conference call.

Transferring a Call from One Handset to Another

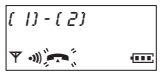
The intercom can be used during a call, enabling you to transfer a call between handsets registered to the same base unit.

Transferring a Call using the Intercom

Eg. **Handset 1** is transferring an external call to **Handset 2**.

1. (Handset 1)
During a call, ☞ INT (Intercom icon turns on).
- The call is put on hold.

2. (Handset 1) ☞ **desired handset no. eg.** ABC2
- You will hear an internal ring back tone until the other handset is answered.



➡ Paging/Intercom

Transferring a Call using the Intercom (continued)

3. (Handset 2) When the unit rings, ☞ ( ) or (INT) to answer.

4. (Handset 1) Transferring a call ☞ ( )
- The transfer is completed
  or
  to return to the External Call ☞ (INT).

Transferring a Call without the Intercom

This feature enables you to transfer the call to another handset without waiting for the paged handset to answer.

Eg. **Handset 1** is transferring a call to **Handset 2**.

1. (Handset 1)
During a call, ☞ (INT) (Intercom icon turns on).
- The call is put on hold.

2. (Handset 1) ☞ desired handset no. eg. (ABC2)
- You will hear an internal ring back tone until the other handset is answered.

3. (Handset 1) ☞ ( ).

4. (Handset 2) When the unit rings, ☞ ( ) to answer.
- The transfer is completed.
- If the paged handset is not answered within 30 seconds, a ring tone sounds at the paging handset. The paging handset can return to the call by pressing ( ).

Conference

During a call using the handset, you can make an intercom call to another handset and then combine the calls together to establish a conference call between handsets registered to the same base unit.

1. (Handset 1) During a call, ☞ (INT) then enter the desired handset number eg. (ABC2).
- The call is put on hold.
- If there is no answer, ☞ (INT) to return to the call.

2. (Handset 2) When the unit rings, ☞ ( ) or (INT) to answer.

3. (Handset 1) ☞ (DEF3) to establish a conference call.

4. (Handset 1 or 2) ☞ ( ) to hang up on conference call.

Special Features

How to Use the Pause Feature

(For Analog PBX Line/Long Distance Service Users)

We recommend you insert "(●)" if a pause is required for dialling with a PBX or to access a long distance service. (When (●) is pressed, '*P*' is displayed on LCD).

Eg. Line access number (9) (PBX).

1. ☞ (9), (●) and then phone number.

2. ☞ ( )

(After a few seconds, display will start showing the length of the call).

- Pressing (●) once creates a pause.
  This prevents misdialling when you redial or dial a stored number.
- Pressing (●) more than once increases the length of the pause between numbers.

Temporary Tone Dialling

(For Rotary or Pulse Service Users)

☞ (✱) **before entering access numbers which require tone dialling.**

- The dialling mode changes to tone. You can enter numbers to access an answering service, electronic banking service, etc. When you hang up, the mode will return to pulse.

Using the Recall Feature

(R) is used to access special telephone services (optional) such as call waiting (When (R) is pressed '*F*' is displayed on LCD). Contact your telephone company for details.

Example: Call waiting.
When a call waiting tone is heard during a conversation:

a) **To hold the existing call and accept the waiting call.**
☞ (R)

- Each time you ☞ (R), you can switch between the first and second call.
- Depending on the provider, you may need to enter a code after pressing (R). Follow the instructions given by your provider.

b) **To accept the waiting call and hang up the existing call.**
☞ ( ). When the unit rings, ☞ ( ) to answer the new call.

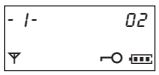
c) **To reject the waiting call.**
Wait for the call waiting to time out. This will take about 40 seconds. If your unit is connected to a PBX, pressing (R) allows you to access some features of your host PBX such as transferring an extension call.

➡ Special Features

Setting the Key Lock (ON)

You can lock the handset dialling buttons. Only incoming calls are accepted until the key lock is cancelled. You can answer a call by pressing any dialling button 0 to 9, * or # (-Any Key Answer). Make sure that the unit is in the standby mode.

1. ☞ ☰ for more than 2 seconds.
- Confirmation tone sounds and all dialling buttons are locked.
- Key lock icon '🔑' is displayed.



To Cancel the Key Lock

Make sure that the unit is in the standby mode.

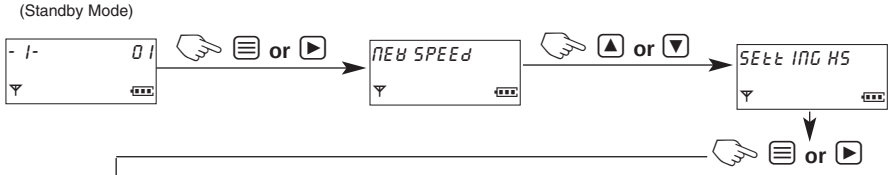
1. ☞ ☰ for more than 2 seconds
- Key lock icon '🔑' disappears and key lock is cancelled.

Note:
- The key lock will also be cancelled when the power is turned OFF.
- **When the handset is in 'Key Lock' mode, emergency calls cannot be made until the key lock is cancelled.**

Summary of Programmable Functions

On the Handset

You can program the following function items using the handset near the base unit. See the corresponding pages for function details.



	Refer to relevant page as indicated.	
• TIME ALARM ▲ ▼	• SET TIME • SET ALARM	Set Time of Alarm (p.28) Set Alarm ON/OFF (p.28)
• RINGER OPT ▲ ▼	• RINGER VOL • EXT RINGER • INT RINGER • PAGING • ALARM	Select the Handset Ringer Volume (p.29) Set Ringer Pattern for Ext. Incoming Call (p.29) Set Ringer Pattern for Internal Call (p.29) Set Ringer Pattern for Paging Tone (p.29) Set Ringer Pattern for Alarm Tone (p.29)
• TONE OPT ▲ ▼	• KEY TONE • CALL WAITING • RANGE ALARM • BATTERY LOW	Set Key Confirmation Tone ON/OFF (p.30) Set Call Waiting Tone ON/OFF (p.30) Set Range Warning Alarm ON/OFF (p.30) Set Battery Low Tone ON/OFF (p.30)
• DISPLAY OPT ▲ ▼	• STANDBY MODE • TALK MODE	Select the Standby Mode Display (p.31) (Base Unit Number, Handset Number, Clock or Off) Select the Talk Mode Display (p.31) (Talk Time, or Phone No.)
• CALL OPT ▲ ▼	• CALLBAR • DIRECT NO • SET DIRECT	Set Call Prohibition (p.33) Set Direct Call Number (p.32) Set Direct Call ON/OFF (p.33)
• OTHER OPT ▲ ▼	• HSP IN CHANGE • AUTO TALK • BATTERY TYPE	Change Handset PIN (p.35) Set Auto Talk ON/OFF (p.34) Select Battery Type (p.34)
• REGISTRATION ▲ ▼	• REG ISTER HS • CANCEL BASE	Registering a Handset to a Base Unit (p.36) Cancelling a Base Unit (p.37)
• SELECT BS ▲ ▼		Select Base Unit (p.38)
• RESET HS ▲ ▼		Reset Handset (p.39)

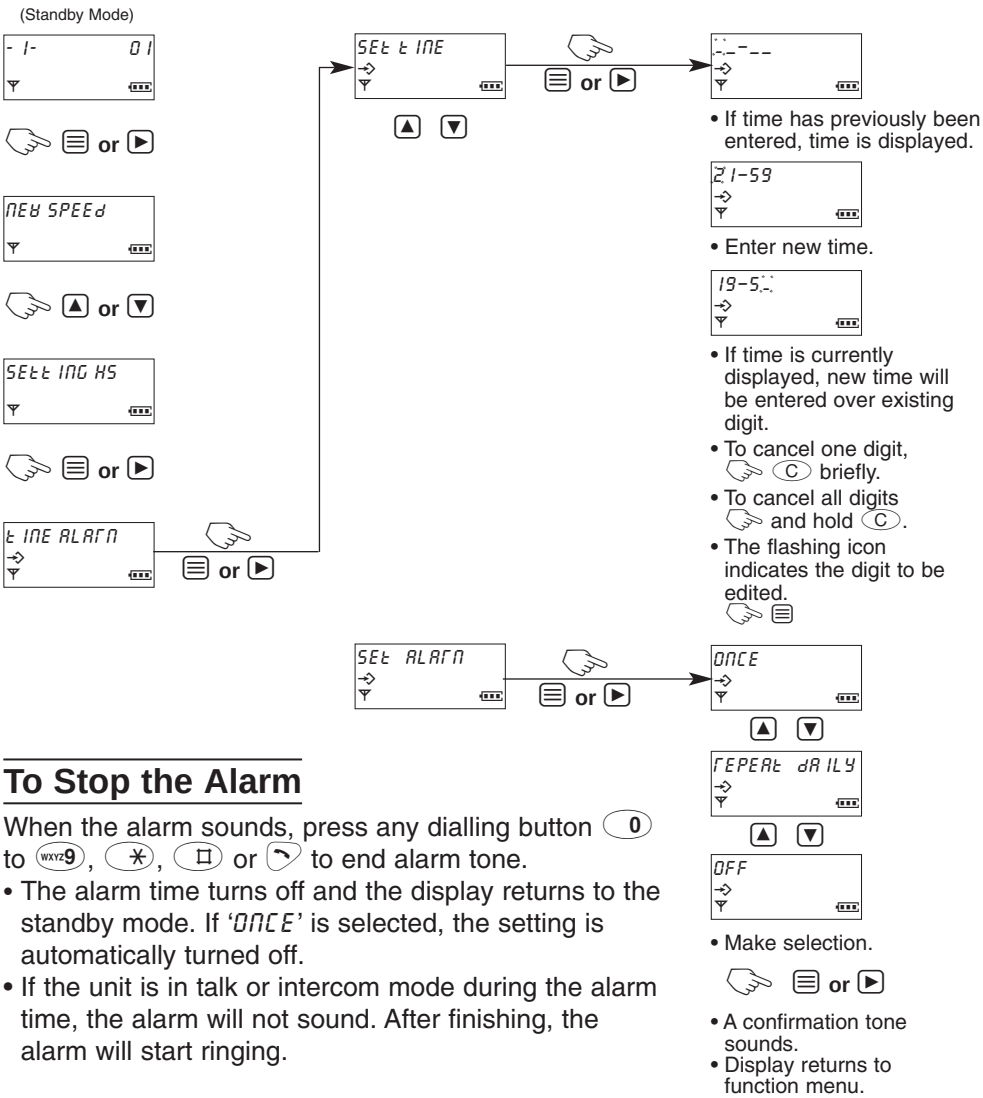
Note:

- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, .

Setting Time Alarm Function

Within the Time Alarm menu, it is possible to program the following:

- **Set Time of Alarm (SEt t IME).**
- **Set Alarm ON/OFF (SEt ALArM).** (In this mode, it is possible to set the alarm to once (ONCE), repeat daily (rEPEAt dAILY) or off (OFF)).



To Stop the Alarm

When the alarm sounds, press any dialling button (0) to (9), (*), (#) or (↶) to end alarm tone.

- The alarm time turns off and the display returns to the standby mode. If 'ONCE' is selected, the setting is automatically turned off.
- If the unit is in talk or intercom mode during the alarm time, the alarm will not sound. After finishing, the alarm will start ringing.

Note:

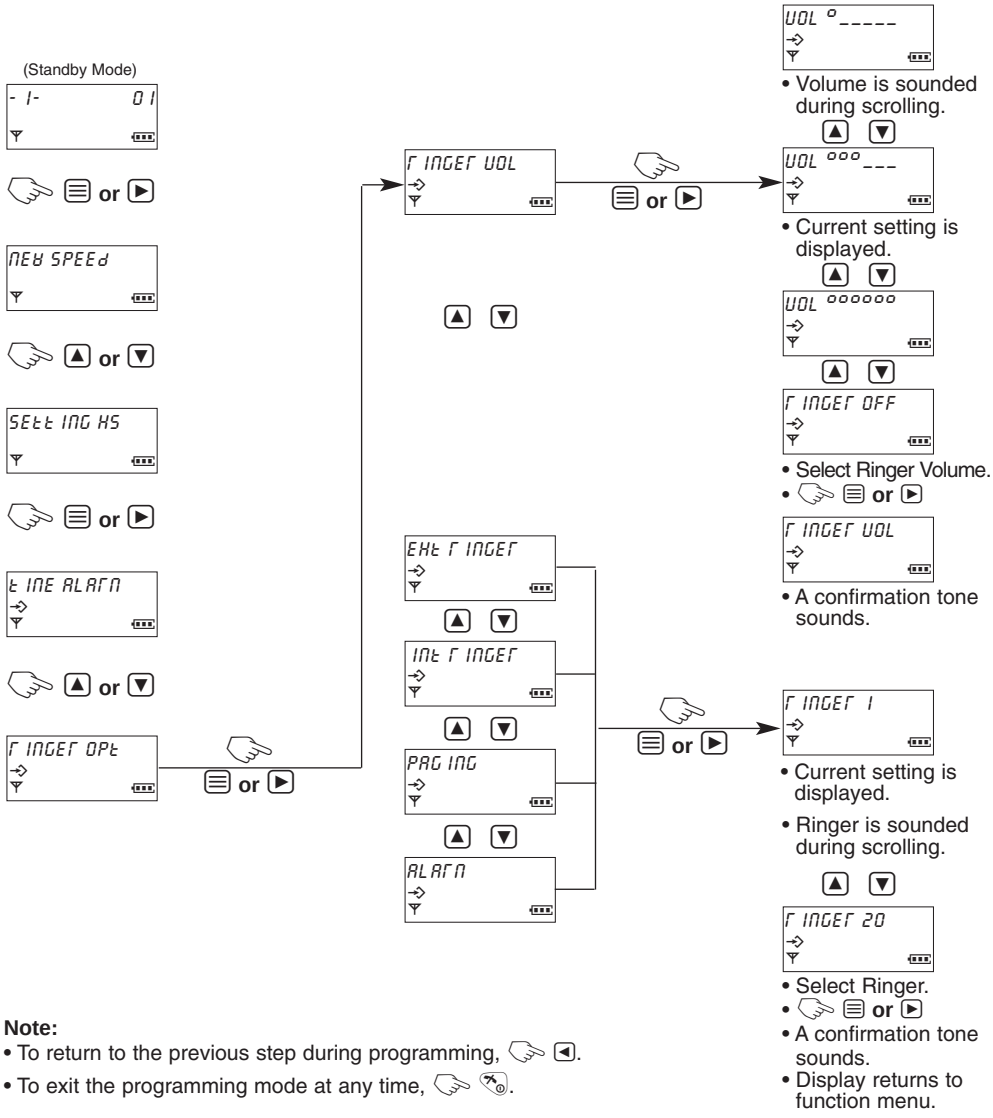
- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, ⏻.

Setting Ringer Options

Within the Ringer Option menu, it is possible to program the following:

- **Select the Handset Ringer Volume (*r inger vol*) (6 levels available plus OFF (*r inger off*)).**
- **Select the Ringer Pattern for External Incoming Call (*ext r inger*).**
- **Select the Ringer Pattern for Internal Call (*int r inger*).**
- **Select the Ringer Pattern for Paging Tone (*pag ing*).**
- **Select the Ringer Pattern for Alarm Tone (*alarm*).**

} (20 patterns available).



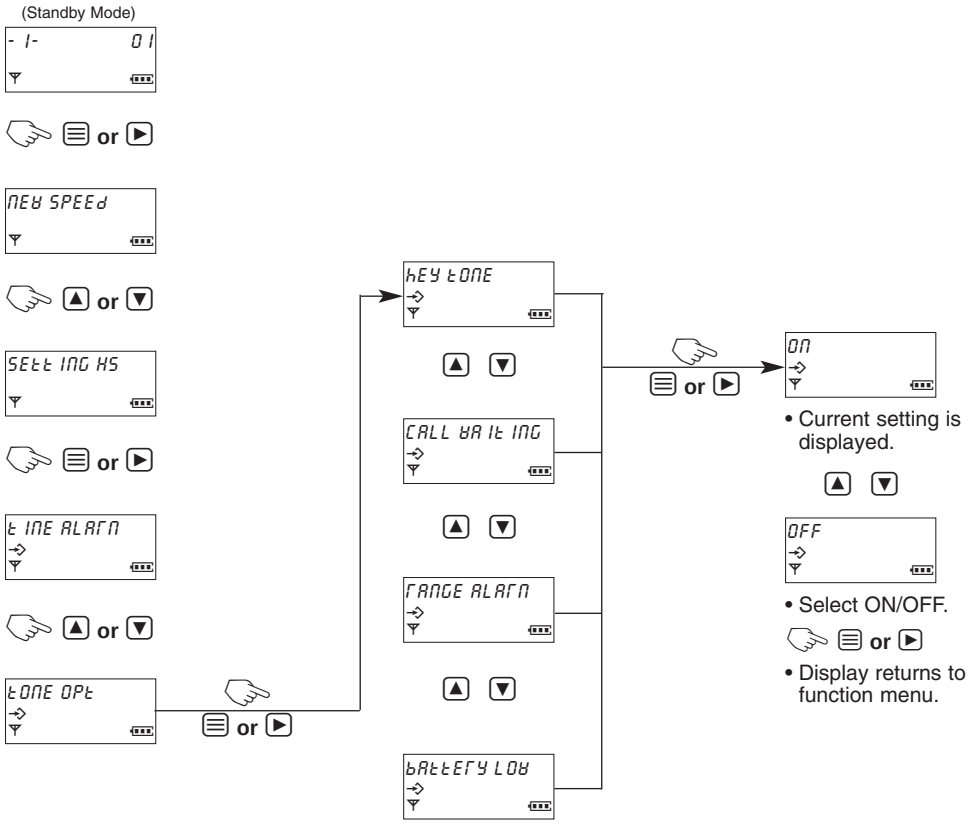
Note:

- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, .

Setting Tone Options

Within the Tone Option menu, it is possible to program the following:

- **Set Key Confirmation Tone ON/OFF (KEY TONE) (ON/OFF).**
  You can choose whether or not the handset keys will sound tones (eg. key tone, confirmation tone, error tone).
- **Set Call Waiting Tone ON/OFF (CALL WAITING) (ON/OFF).**
  If an incoming call has been received during an intercom between handsets, a call waiting tone sounds.
- **Set Range Warning Alarm ON/OFF (RANGE ALARM) (ON/OFF).**
  You can choose whether or not the handset will sound a range warning alarm.
- **Set Battery Low Tone ON/OFF (BATTERY LOW) (ON/OFF).**
  You can choose whether or not the handset will sound a battery low tone.



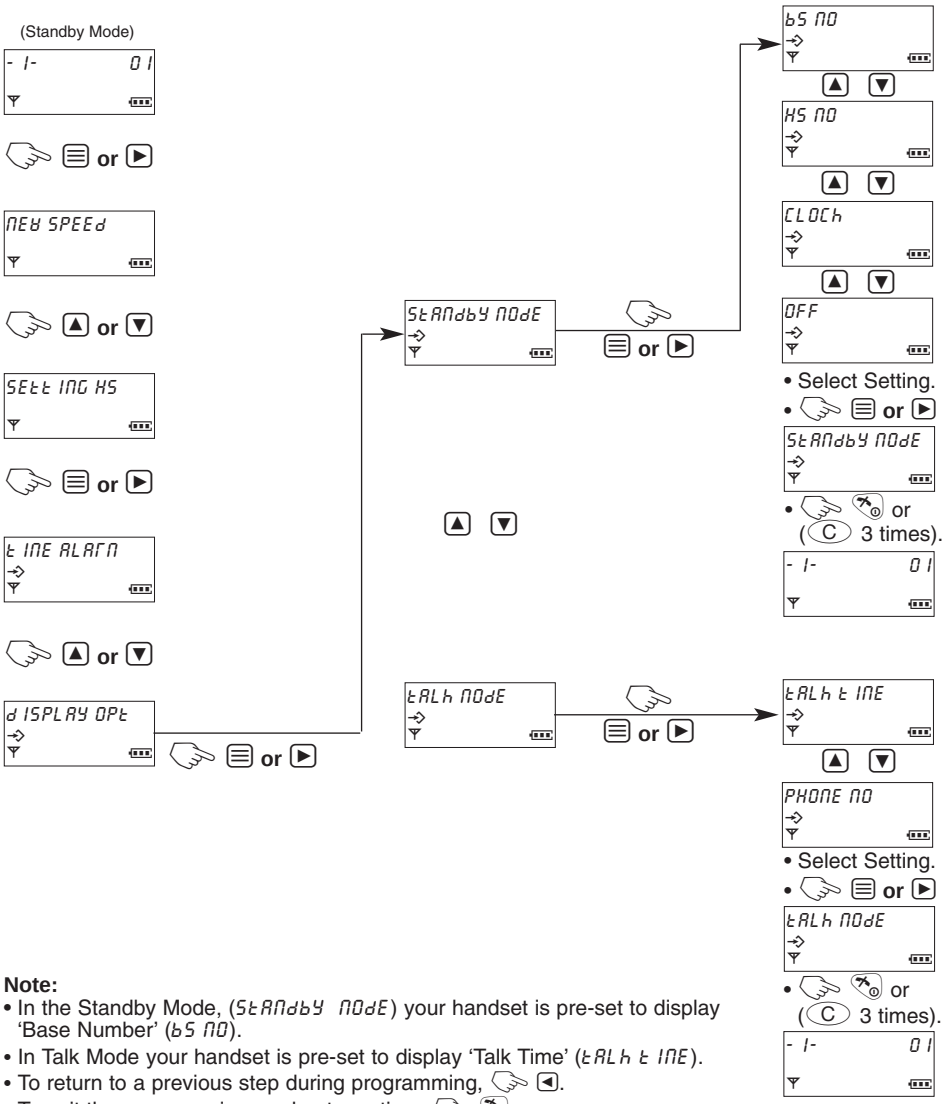
Note:

- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, C.

Setting Display Options

Within the Display Option menu, it is possible to program the following:

- **Select the Standby Mode Display (StAndbY NOdE).**
  In the standby mode, it is possible to set the display to show; Base Number (bS NO), Handset Number (HS NO), Clock (CLOCk) and OFF (OFF).
- **Select the Talk Mode Display (tALk NOdE).**
  In the talk mode, it is possible to set the display to show Talk Time (tALk t INE) or Phone Number (PHONE NO).



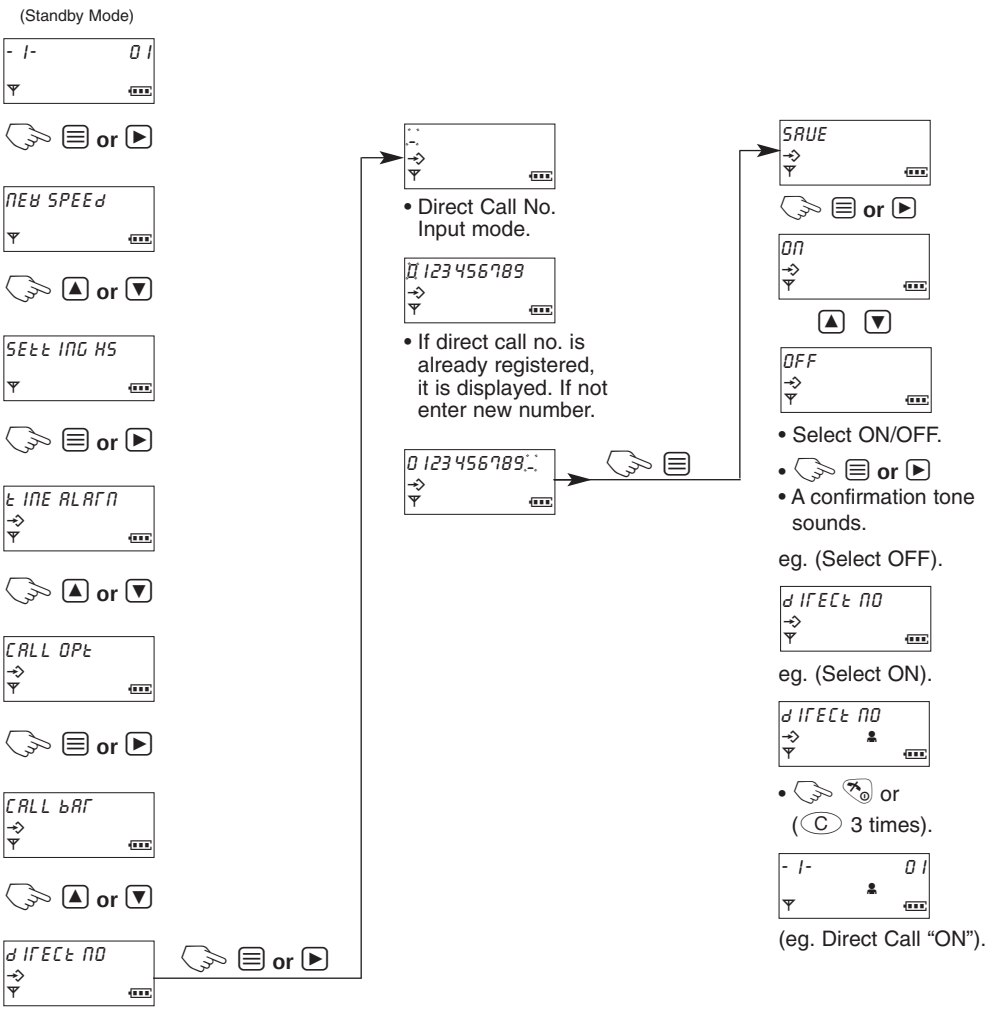
Note:

- In the Standby Mode, (StAndbY NOdE) your handset is pre-set to display 'Base Number' (bS NO).
- In Talk Mode your handset is pre-set to display 'Talk Time' (tALk t INE).
- To return to a previous step during programming, ◄.
- To exit the programming mode at any time, .

Setting Call Option

Within the Call Option menu, it is possible to program the following:

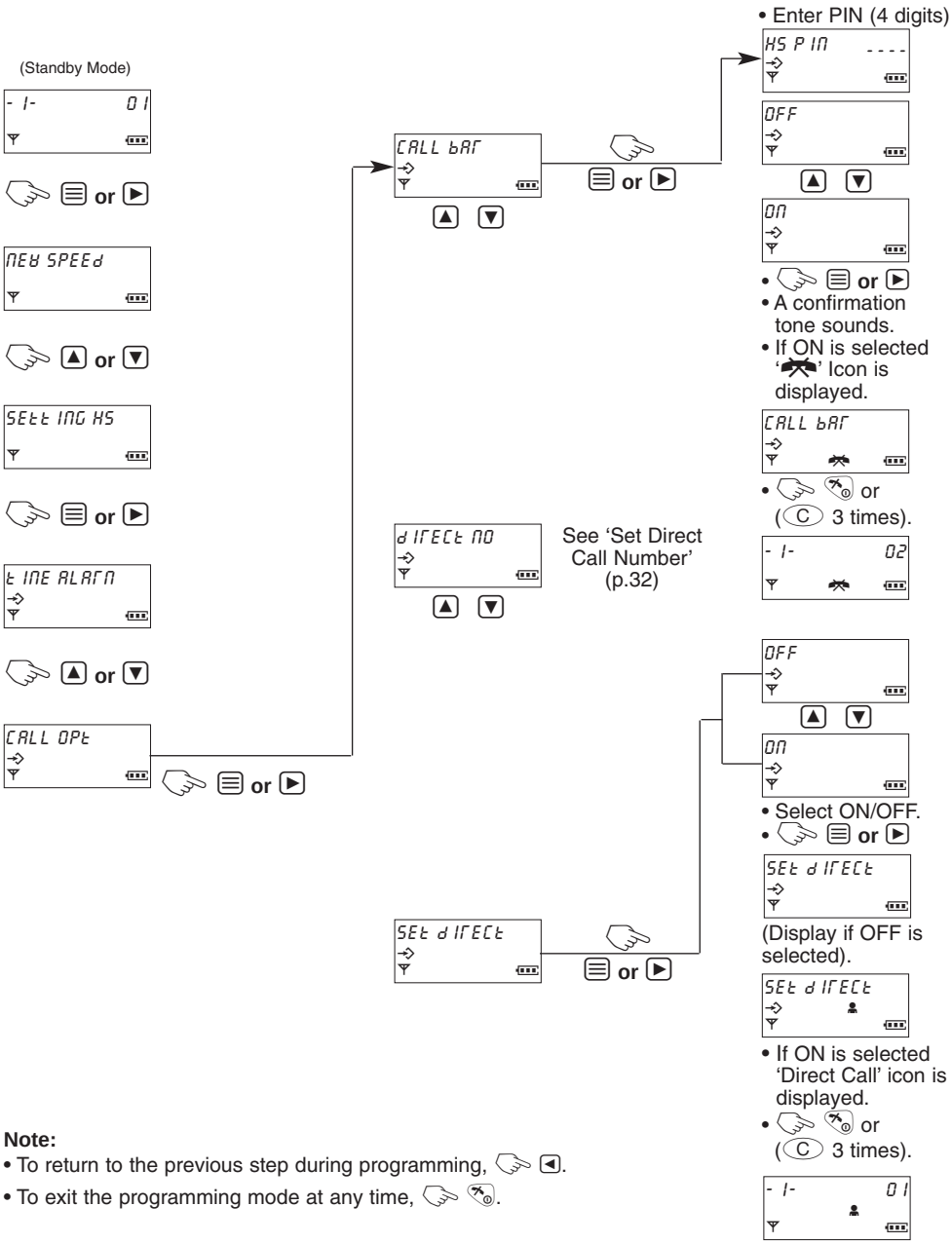
- **Set Call Prohibition (CALL bAR)** see page 33.
- **Set Direct Call Number (dIRECt NO).** You can store a number in the direct call memory. This feature allows you to make a call easily by pressing . Incoming calls are accepted.
- **Set Direct Call ON/OFF (SEt dIRECt) (ON/OFF)** see page 33.



Note:

- To return to the previous step during programming, (except while editing number).
- To exit the programming mode at any time, .

- **Set Call Prohibition** (this prohibits anyone from making a call with your handset including emergency numbers. Incoming calls are accepted (CALL bAR)).
- **Set Direct Call ON/OFF (SEt dIRECt) (ON/OFF).**



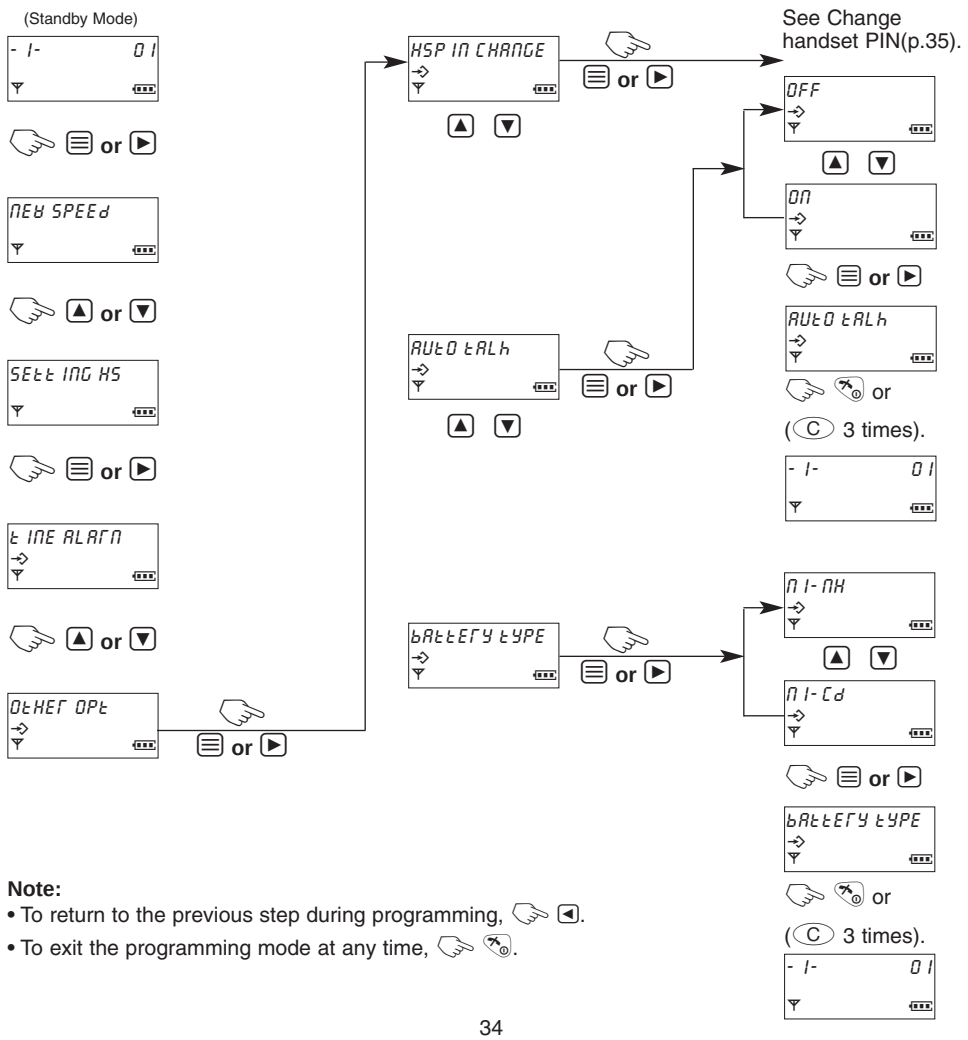
Note:

- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, .

Setting Other Options

Within the Other Option menu, you can program the following:

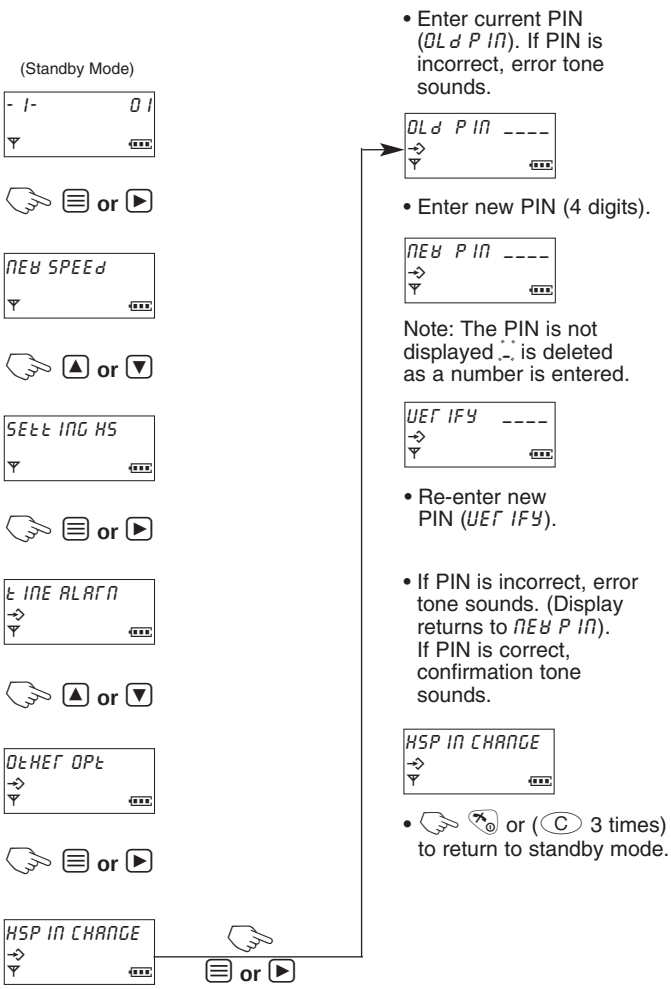
- **Change Handset PIN (HSP IN CHANGE).** The factory pre-set is 0000.
- **Set Auto Talk ON/OFF (AUTO TALK).**
  The Auto Talk feature allows you to answer a call by lifting the handset off the base unit without pressing . If you want to use this feature, turn the feature ON. The factory pre-set is OFF. In order to view caller's phone number before answering a call, leave the Auto Talk feature OFF.
- **Select Battery Type (BATTERY TYPE).**
  Two Nickel Metal Hydride (Ni-MH) rechargeable batteries are included with this unit. Ensure that the battery selection is set to Ni-MH, or the battery strength will not be displayed correctly.



Note:

- To return to the previous step during programming, .
- To exit the programming mode at any time, .

- **Change Handset PIN (HSP IN CHANGE)**
- You can program a 4 digit password for the handset. The factory pre-set is 0000. Changing the password may prevent the unauthorised use of your unit by another person.


(Standby Mode)
- I- 01
or
NEW SPEED
or
SETTING HS
or
LINE ALARM
or
OTHER OPT
or
HSP IN CHANGE
or
• Enter current PIN (OLD PIN). If PIN is incorrect, error tone sounds.
OLD PIN ____
• Enter new PIN (4 digits).
NEW PIN ____
Note: The PIN is not displayed. * is deleted as a number is entered.
VERIFY ____
• Re-enter new PIN (VERIFY).
• If PIN is incorrect, error tone sounds. (Display returns to NEW PIN). If PIN is correct, confirmation tone sounds.
HSP IN CHANGE
• or (C 3 times) to return to standby mode.

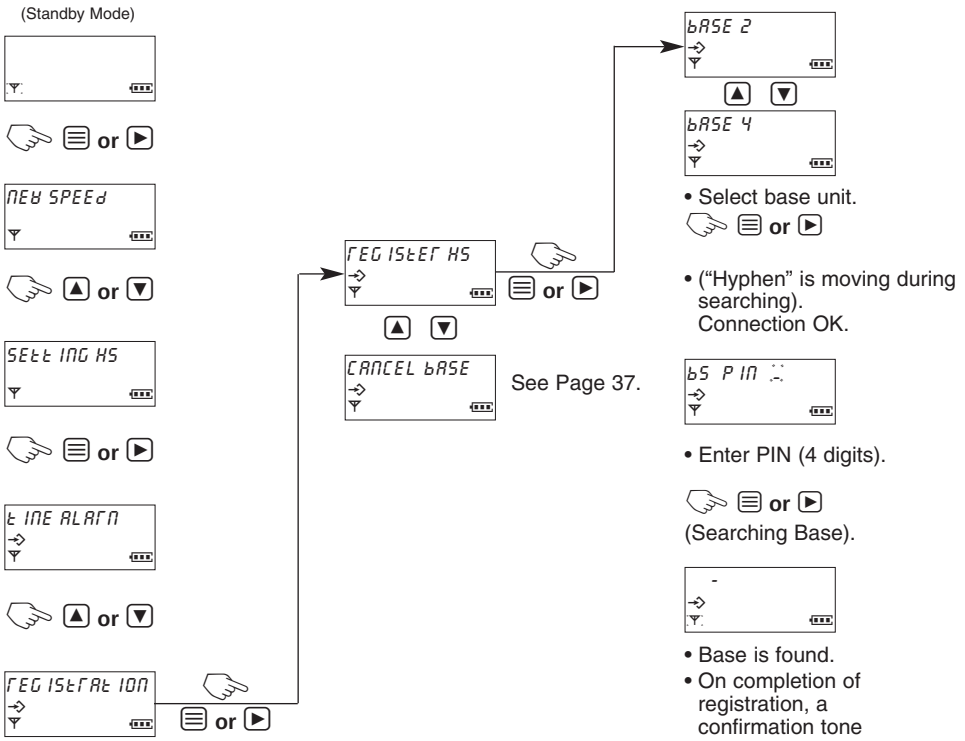
NOTE: Once you have programmed the password, you cannot confirm it. We recommend you write down the password. If you forget it, please consult your nearest Panasonic Service Centre.

Registration

• Registering a Handset to a Base Unit (REGISTER HS)

The handset supplied with the base unit is already registered. If an optional handset/base unit is purchased, the following procedure needs to be carried out before initial use.

☞ and Hold •)) on base unit for 10 secs. A confirmation tone sounds.



NOTES:

- Charge the optional handset batteries for about 10 hours before initial use.
- Register the handset within 1 minute. If not registered within 1 minute, ☞ on the handset to cancel the programming mode. Then re-start registration.
- Calls (both incoming and outgoing) can be conducted only via the displayed base unit (even if the radio areas overlap with neighbouring base units).

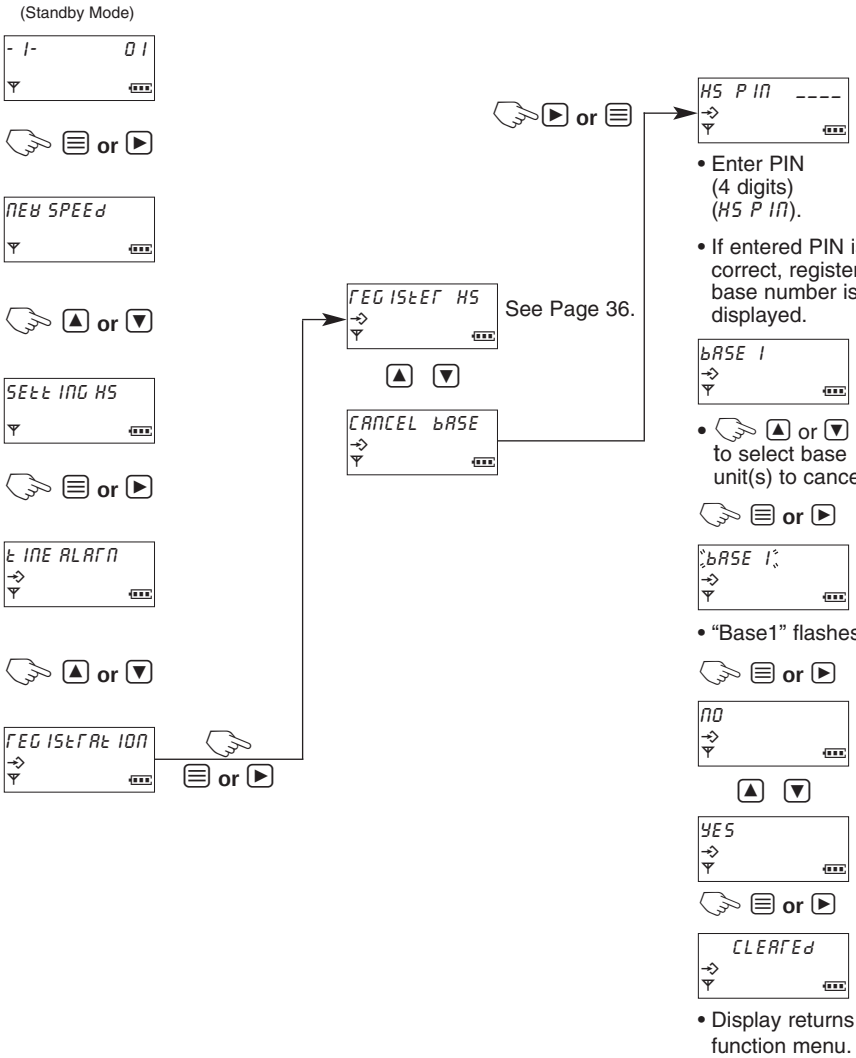
Note:

- To return to the previous step during programming, ☞ ◄.
- To exit the programming mode at any time, ☞ .

• Cancelling a Base Unit (CANCEL bASE)

If another handset is out of range and/or its power is OFF when 'Cancelling a Handset', the previous base unit number will still remain in the cancelled handset.

Therefore, you need to cancel the base unit registered **in the cancelled handset**.



Note:

- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, .

Select Base Unit (SELECt bS)

• Automatic Base Unit Access (AUtO)

The handset automatically selects a registered base unit.

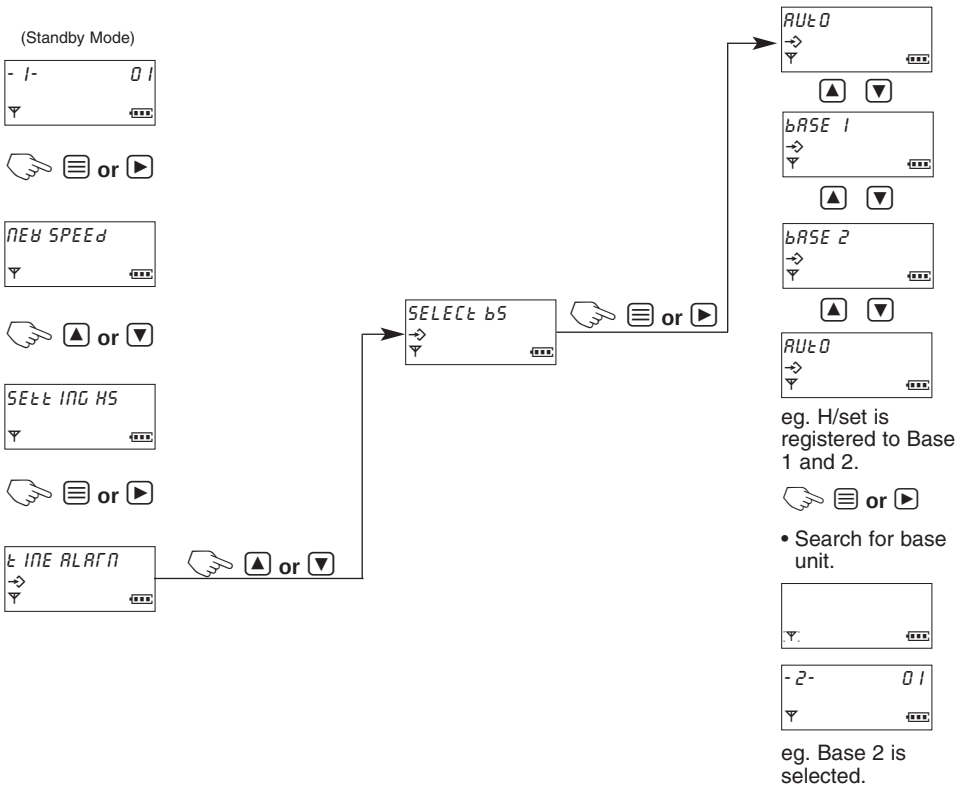
- When the handset moves to another base unit radio area, it loses contact with the previous base unit and automatically accesses the new base unit.
- If the handset is in the overlap area between several base unit radio areas, the handset will access the nearest base unit.

• Specified Base Unit Access eg. (bASE 1)

You can only select one registered base unit (1 to 4) you want to operate (SELECt bS).

- You can choose the base unit/telephone line where you can make/receive calls.

The factory pre-set is 'Automatic Base Unit Access'. To select the desired base unit, program as follows:

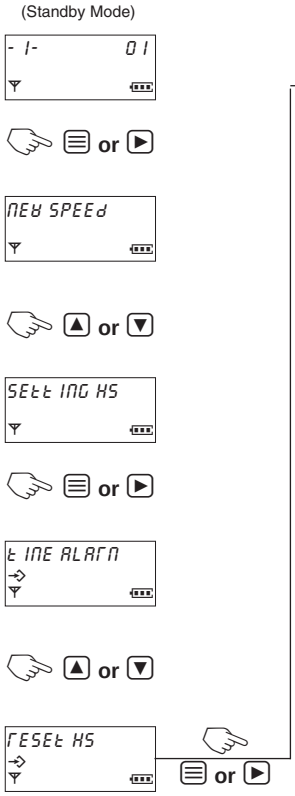


Note:

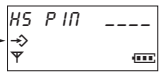
- To return to the previous step during programming, ◄.
- To exit the programming mode at any time, .

Reset Handset (RESET HS)

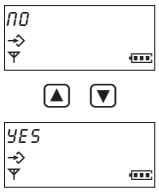
This function enables the handset to clear the following settings at one time. They will return to their initial settings.



• Enter PIN (4 digits).



• If PIN is correct "NO" is displayed.



• Select 'YES'.

• A confirmation tone sounds.

• Display returns to function menu.

or

(C twice).

• Display returns to standby mode.

Function	Initial Setting
Time Alarm Mode	OFF
Alarm Time	Clear
Handset Ringer Volume	3
Handset External Ringer Pattern	1
Handset Internal Ringer Pattern	1
Handset Paging Tone Pattern	1
Handset Alarm Tone Pattern	1
Key Tones	ON
Call Waiting Tone	ON
Range Warning Alarm	OFF
Battery Low Alarm	ON
Standby Mode Display	Base Unit Number
Talk Mode Display	Length of the Call
Call Prohibition	OFF
Direct Call Mode	OFF
Direct Call Number	Clear
Handset Password	0000
Auto Talk	OFF
Base Unit Access	Automatic Base Unit Access
Handset Receiver Volume	2
Redial Memory	All Clear

Note:

• To return to the previous step during programming, ◄.

• To exit the programming mode at any time, .

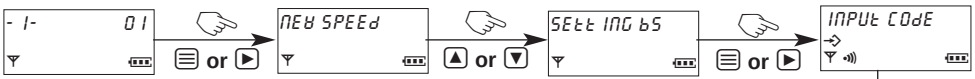
Programmable Functions (On the Base Unit)

Bell Selection

There are three choices for Bell Selection when a call is being received
- all handsets ring. “All handsets”
- the selected handset(s) ring(s). “Selected handset(s)”
- the selected handset rings first. Then if it does not answer, all other handsets will ring, “Selected then all handsets”.

The factory pre-set is “All handsets”. To change the bell selection, program as follows:

(Standby Mode)



1. Select “all handsets” to ring.

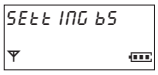
1

- Enter PIN (4 digits).

1

- “All Handset” ringing mode.

or



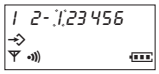
- A confirmation tone sounds.
- Display returns to function menu.

2. Select “selected handset(s)” to ring.

1

- Enter PIN (4 digits).

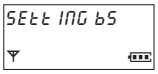
2 ABC



- The current selected handset flashes.

1 - 6 MNO to select handset(s).

or



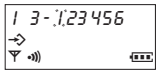
- A confirmation tone sounds.
- Display returns to function menu.

3. Select “selected then all handsets” to ring.

1

- Enter PIN (4 digits).

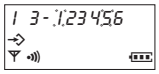
3 DEF



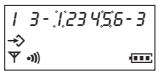
- The current selected handset flashes.

1 - 6 MNO

to select handset(s).



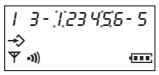
or



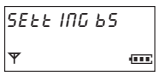
- The current number of rings is displayed.

1 - 6 MNO

to select no. of rings.



or



- A confirmation tone sounds.
- Display returns to function menu.

To Select the Base Unit Ringer Volume

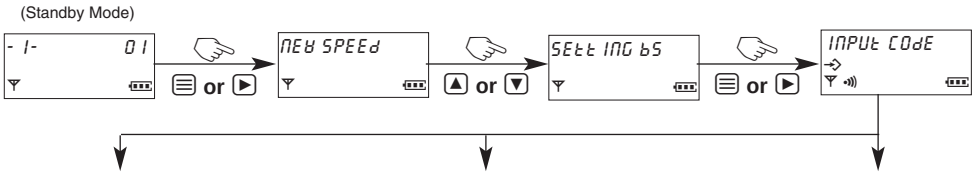
4 levels are available. The factory pre-set is MEDIUM. When set to OFF, the base unit will not ring.

To Select the Dialling Mode

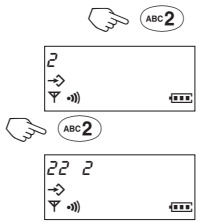
You can program the dialling mode to tone or pulse. If you have touch tone service, set to tone. If rotary or pulse service is used, set to pulse. The factory pre-set is tone.

Setting the Clock

To set clock, please program as below. The clock can be displayed as an option in standby mode (see page 31). After a power failure the clock will need re-setting. Clock may take up to one minute to appear on the handset display.



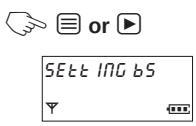
• Select Ringer Volume



Current setting is displayed.

0 - DEF3 to select volume

0 = Ringer OFF
1 = Low Volume
2 = Medium Volume
3 = High Volume
(Ringer sounds on selection)



- A confirmation tone sounds.
- Display returns to function menu.

• Setting the Clock.

- If the clock has been set previously, time will be displayed.

Enter new time (4-digits)
eg. 1

ABC2, DEF3, GHI4

(24 hour clock)

- A confirmation tone sounds.
- Display returns to function menu.

• Select Dial Mode (Tone/Pulse).

Enter PIN (4 digits).

Current setting is displayed.

1 - ABC2 to select Dial Mode.

1 = Tone Dial Mode.
2 = Pulse Dial Mode.

- A confirmation tone sounds.
- Display returns to function menu.

Chapter 4

➡ Programmable Functions (On the Base Unit)

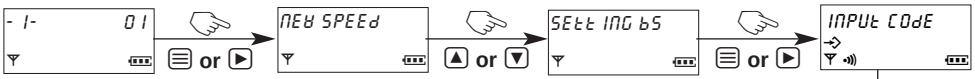
Select Earth/Flash Mode

The earth relay can be installed as an option depending on your PBX requirements. Please consult your nearest Panasonic Service Centre for installation. Then you can select the flash or earth mode. The factory pre-set is Flash.

Select Pause Timing

You can set the pause timing to 3 or 5 seconds, depending on your PBX requirements. The factory pre-set is 3 seconds.

(Standby Mode)

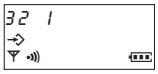


• Select Earth.

DEF 3

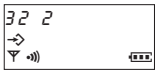
• Enter PIN (4 digits)

ABC 2



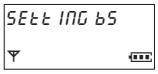
• Current setting is displayed.
1 = Flash
2 = Earth

ABC 2



eg. Earth is selected.

or



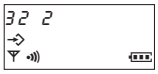
• A confirmation tone sounds.
• Display returns to function menu.

• Select Flash Timing.

DEF 3

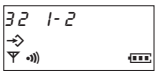
• Enter PIN (4 digits)

ABC 2



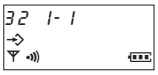
• Earth is selected.
Current setting is displayed.

1 to select Flash.
(If Flash is already selected or).



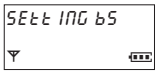
• Current setting is displayed.
1=Flash 1 (100m sec)
2=Flash 2 (600m sec)

1 - ABC 2 to select Flash time.



eg. Flash 1 is selected.

or



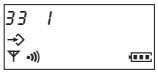
• A confirmation tone sounds.
• Display returns to function menu.

• Select Pause Timing.

DEF 3

• Enter PIN (4 digits)

DEF 3

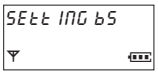


• 3 seconds is selected.

1 or ABC 2 to select Pause time.

eg.
1 = 3 seconds
2 = 5 seconds.

or



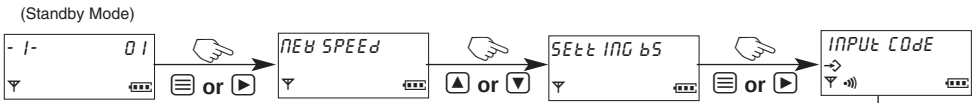
• A confirmation tone sounds.
• Display returns to function menu.

Set Base Unit PIN

You can program a 4 digit password for the base unit. The factory pre-set is 0000. Changing the password may prevent the unauthorised use of your unit by another person.

Cancelling a Handset

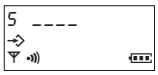
Each handset can cancel itself or another handset.



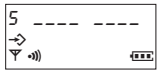
• Set Base Unit PIN.

JKL 5

• Enter PIN (4-digits).

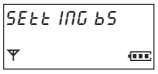


• Enter NEW PIN (4 digits) twice.



• If 2nd entry of NEW PIN is incorrect, error tone sounds.

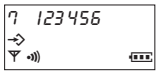
• If 2nd input is correct, a confirmation tone sounds and display returns to function menu.



• To Cancel a Handset.

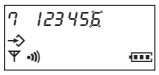
PQRS 7

• Enter PIN (4-digits).



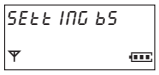
• All registered handset numbers are displayed.

1 - MNO 6 to select the handset to cancel.



eg. Handset MNO 6 is selected to cancel.

or



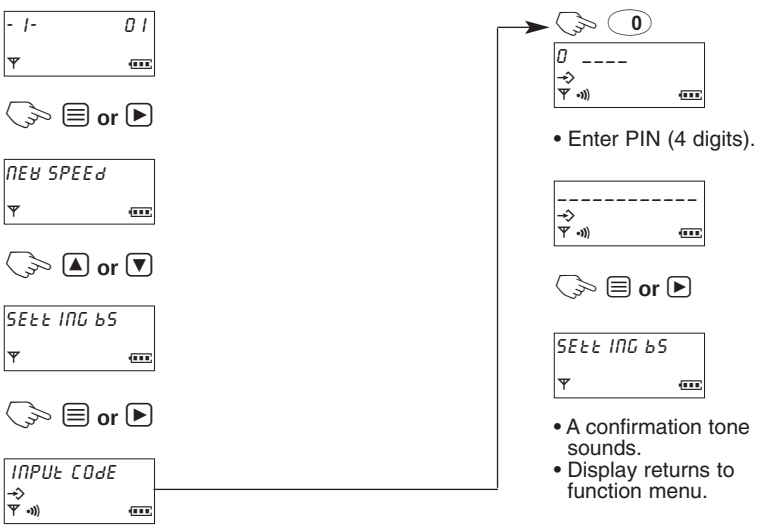
• A confirmation tone sounds.
• Display returns to function menu.

NOTE: Once you have programmed the password, you cannot confirm it. We recommend you write down the password. If you forget it, please consult your nearest Panasonic Service Centre.

Reset Base Unit

This function enables the base unit to clear the following settings at one time. They will return to their initial settings.
The following are factory default settings of the Base Unit.

Function	Initial Setting
Bell Selection	All Handsets
Dialling Mode	Tone
Earth/Flash	Flash
Flash Timing	600 m seconds
Pause Timing	3 seconds
Base Unit PIN	0000
Base Unit Ringer Volume	Medium
Clock	No setting

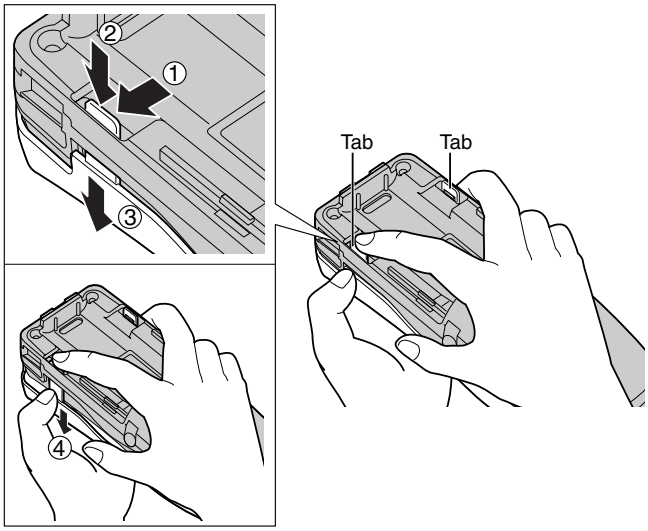


Option Covers

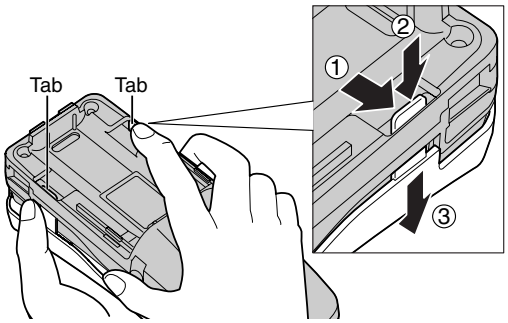
You can change the look of your phone's handset with Option Covers.

1. Remove the battery cover by sliding while pressing the arrow. Remove the batteries.

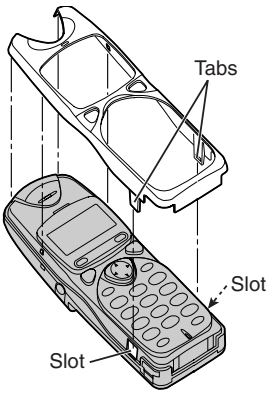
2. The option cover is locked with the right and left tabs. Unlock one of the tabs by pressing horizontally ① and vertically ②, and partially pull down the option cover ③, ④ as shown.



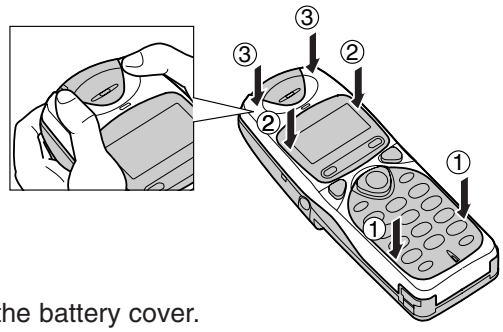
3. Unlock the other tab by pressing horizontally ① and vertically ②, and partially pull down the option cover ③ in the same way. Remove the cover from the handset completely.



4. Place the new option cover fitting the tabs on the cover into their slots on the handset.



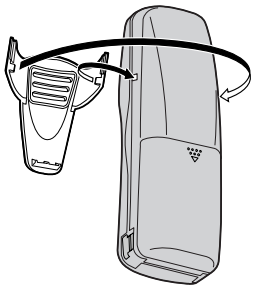
5. Snap the option cover shut on the lower ①, middle ② and upper ③ parts of the handset.



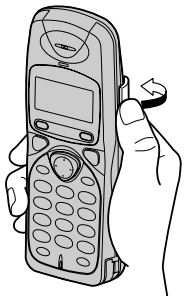
6. Connect the batteries and close the battery cover.

Using the Belt Clip

You can hang the handset on your belt or pocket using the belt clip.



To remove the belt clip



Before Requesting Help

Problem	Remedy
The unit does not work.	• Turn the power ON (p.12). • Check the settings. • Charge the batteries fully (p.7). • Clean the charge contacts and charge again (p.7). • Unplug the AC adaptor and turn the power OFF to reset. Plug in the AC adaptor and turn the power ON. Then try again. • The handset has been cancelled or has not been registered. Register the handset (p.36). • Re-install the handset batteries and try again.
"Y" flashes and an alarm tone sounds when you .	• You are too far from the base unit. Move closer and try again. • Plug in the AC adaptor.
A busy tone sounds when you .	• Another handset is in use.
You cannot dial.	• The unit is in call prohibition mode. Cancel the mode (p.33). • Key lock mode is set. Cancel the mode (p.26).
"Y" flashes during a conversation and the call is disconnected.	• The handset is out of range. Move closer to the base unit and make the call again. • Plug in the AC adaptor.
Static, sound cuts in/out, fades. Interference from other electrical units.	• Locate the handset and base unit away from other electrical appliances. • Move closer to the base unit.
The handset does not ring.	• Turn the power ON (p.12). • The ringer is set to OFF. Select the desired volume level (p.29).
The base unit does not ring.	• The ringer is set to OFF. Set to HIGH, MEDIUM or LOW (p.41).
You cannot program function items such as the handset ringer volume.	• Programming is not possible while the unit is in the talk or intercom mode. • Do not pause for over 60 seconds while programming.
You cannot store a phone number in memory.	• You cannot store a phone number while the unit is in the talk or intercom mode. • Do not pause for over 60 seconds while storing.

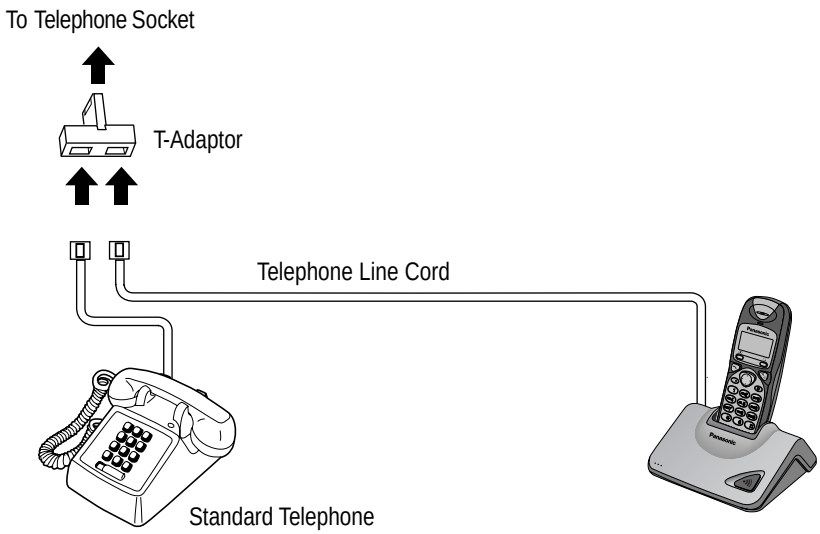
Problem	Remedy
While programming or searching, the unit starts to ring and stops the program/search.	• To answer the call, lift the handset or . Start again from the beginning after hanging up.
The unit does not display the caller's phone numbers.	• Other telephone equipment may be interfering with your phone. Disconnect them and try again. • Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. Telephone line noise may be affecting the Caller ID information.
does not function.	• The handset is too far from the base unit. • The handset is engaged in an outside call.
You cannot redial.	• If the last number dialled was more than 24 digits long, the number will not be redialled correctly.
The paged handset does not answer.	• The handset is not in the same radio area. • The handset is engaged in an outside call. • The handset has been cancelled or has not been registered. Register the handset to the base unit (p.36).
While using the intercom, two tones sound.	• A call is being received. To answer, then .
The unit misdials when connected to a PBX.	• Check the pause function (p.25).
You cannot register the handset in the base unit.	• The base unit has registered a maximum of 6 handsets or the handset has registered a maximum of 4 base units. • A wrong base unit password was entered. Enter the correct password. • There is interference from other electrical units, locate the handset and base unit away from them. • You must finish registration within 1 minute after the ringer tone sounds, or programming will be cancelled (p.36).
The battery strength is not displayed correctly.	• Check that the battery type selection is correct (p.34).

Before Requesting Help

Problem	Remedy
"▭" flashes or the unit bleeps every 15 seconds.	• Charge the batteries fully (p.7).
You charged the batteries fully, but "▭" flashes.	• Clean the charge contacts and charge again (p.7). • Install new batteries (p.7).

Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a T-adaptor.



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31939_KX-TCD700CX_Czech 18/6/01 1:54 pm Page 52

MODEL No. KX-TCD700BX

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